

Amendments to the Claims:

The below listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-16 (canceled)

Claim 17 (original): A golf ball comprising nanofiller material, wherein the nanofiller material consists essentially of particles of inorganic material, wherein each particle has a largest dimension that is about one micron or less and that is at least an order of magnitude greater than such particle's smallest dimension.

Claim 18 (original): A golf ball as defined in claim 17, wherein the particles of inorganic material consist essentially of clay.

Claim 19 (original): A golf ball as defined in claim 18, wherein the clay is selected from the group consisting of hydrotalcite, montmorillonite, micafluoride, and octosilicate.

Claim 20 (original): A golf ball as defined in 17, wherein:
the golf ball comprises a core; and
the core comprises nanofiller material.

Claim 21 (original): A golf ball as defined in claim 20, wherein the core comprises about 0.1 to about 20 percent by weight nanofiller material.

Claim 22 (original): A golf ball as defined in claim 21, wherein the core comprises about 0.1 to about 15 percent by weight nanofiller material.

Claim 23 (original): A golf ball as defined in claim 22, wherein the core comprises about 0.1 to about 10 percent by weight nanofiller material.

Claim 24 (original): A golf ball as defined in claim 17, wherein:
the golf ball comprises a core and a layer surrounding the core; and
the layer comprises nanofiller material.

Claim 25 (original): A golf ball as defined in claim 24, wherein:
the golf ball comprises a cover layer on the surface of the golf ball, and;
the cover layer comprises nanofiller material.

Claim 26 (original): A golf ball as defined in claim 24, wherein:
the golf ball comprises a cover layer on the surface of the golf ball and an
intermediate layer or layers between the core and the cover layer; and
one or more of the intermediate layer or layers comprise nanofiller material.

Claim 27 (original): A golf ball as defined in claim 24, wherein the layer
comprises about 0.1 to about 20 percent by weight nanofiller material.

Claim 28 (original): A golf ball as defined in claim 27, wherein the layer
comprises about 0.1 to about 15 percent by weight nanofiller material.

Claim 29 (original): A golf ball as defined in claim 26, wherein the layer
comprises about 0.1 to about 10 percent by weight nanocomposite material.

Claim 30 (original): A golf ball as defined in claim 17, wherein:
the golf ball comprises a core, a layer of rubber thread encasing the core, and a
cover layer encasing the layer of rubber thread; and
the core comprises nanocomposite material.

Claim 31 (original): A golf ball as defined in claim 17 wherein:
the golf ball comprises a core, a layer of rubber thread encasing the core, and a
cover layer encasing the layer of rubber thread; and

the cover layer comprises nanocomposite material.

Claims 32-39 (canceled)